

Supplementary Table 1. Core genera per target

16S rRNA	rpoB1	rpoB2
<i>Actinomyces</i>	<i>Abiotrophia</i>	<i>Actinobacillus</i>
<i>Aerococcus</i>	<i>Acinetobacter</i>	<i>Arthrobacter</i>
<i>Anaerovorax</i>	<i>Actinobacillus</i>	<i>Bifidobacterium</i>
<i>Arthrobacter</i>	<i>Aeromonas</i>	<i>Escherichia</i>
<i>Atopobium</i>	<i>Arthrobacter</i>	<i>Rothia</i>
<i>Bacillus</i>	<i>Atopobium</i>	
<i>Brevibacterium</i>	<i>Bacteroides</i>	
<i>Campylobacter</i>	<i>Bartonella</i>	
<i>Citricoccus</i>	<i>Enterococcus</i>	
<i>Clostridia</i>	<i>Exiguobacterium</i>	
<i>Corynebacterium</i>	<i>Gallibacterium</i>	
<i>Dermabacter</i>	<i>Haemophilus</i>	
<i>Dietzia</i>	<i>Lactobacillus</i>	
<i>Enteroactinococcus</i>	<i>Lactococcus</i>	
<i>Enterococcus</i>	<i>Leadbetterella</i>	
<i>Eubacterium</i>	<i>Listeria</i>	
<i>Kocuria</i>	<i>Marinomonas</i>	
<i>Lactobacillus</i>	<i>Methylobacter</i>	
<i>Micrococcus</i>	<i>Neisseria</i>	
<i>Mobiluncus</i>	<i>Paenibacillus</i>	
<i>Negativicoccus</i>	<i>Pasteurella</i>	
<i>Neisseria</i>	<i>Pedobacter</i>	
<i>Nocardiopsis</i>	<i>Prevotella</i>	
<i>Pelotomaculum</i>	<i>Pseudomonas</i>	
<i>Peptostreptococcus</i>	<i>Rothia</i>	
<i>Prevotella</i>	<i>Saccharophagus</i>	
<i>Propionibacterium</i>	<i>Shewanella</i>	
<i>Rothia</i>	<i>Staphylococcus</i>	
<i>Selenomonas</i>	<i>Streptococcus</i>	
<i>Streptococcus</i>	<i>Veillonella</i>	
<i>Treponema</i>	<i>Vibrio</i>	
<i>Trichococcus</i>	<i>Weissella</i>	

Supplementary Table 2. *Streptococci* species/strains found by rpoB1 and 16S rRNA

rpoB1	16S rRNA
<i>Streptococcus agalactiae</i> GD201008-001, <i>Streptococcus anginosus</i> isolate VS113A <i>Streptococcus anginosus</i> RNA <i>Streptococcus anginosus</i> strain CIP <i>Streptococcus constellatus</i> RNA <i>Streptococcus cristatus</i> RNA <i>Streptococcus dysgalactiae</i> subsp. <i>Streptococcus equi</i> subsp. zooepidemicus <i>Streptococcus gordonii</i> str. Challis <i>Streptococcus infantarius</i> subsp. <i>Streptococcus intermedius</i> JTH08 <i>Streptococcus macedonicus</i> ACA-DC <i>Streptococcus mitis</i> B6 complete <i>Streptococcus mitis</i> isolate VS779 <i>Streptococcus mitis</i> RNA polymerase <i>Streptococcus mutans</i> UA159, complete <i>Streptococcus oralis</i> isolate VS113B <i>Streptococcus oralis</i> isolate VS2971R <i>Streptococcus oralis</i> isolate VS2971S <i>Streptococcus oralis</i> isolate VS745 <i>Streptococcus oralis</i> isolate VS79 <i>Streptococcus oralis</i> strain ATCC 10557 <i>Streptococcus oralis</i> Uo5 complete <i>Streptococcus parasanguinis</i> ATCC <i>Streptococcus parasanguinis</i> FW213, <i>Streptococcus parasanguinis</i> isolate <i>Streptococcus pneumoniae</i> 670-6B, <i>Streptococcus pneumoniae</i> gamPNI0373, <i>Streptococcus pneumoniae</i> R6, complete <i>Streptococcus pneumoniae</i> rpoB gene, <i>Streptococcus pneumoniae</i> SPNA45, <i>Streptococcus pneumoniae</i> ST556, complete <i>Streptococcus pneumoniae</i> strain NCTC <i>Streptococcus pneumoniae</i> strain RifR-13 <i>Streptococcus pneumoniae</i> strain RifR-16 <i>Streptococcus pneumoniae</i> strain RifR-24 <i>Streptococcus pneumoniae</i> strain RifR-25 <i>Streptococcus pneumoniae</i> strain RifR-31 <i>Streptococcus pneumoniae</i> strain RifR-56 <i>Streptococcus pneumoniae</i> strain RifR-65 <i>Streptococcus pseudopneumoniae</i> IS7493,	<i>Streptococcus constellatus</i> clone <i>Streptococcus constellatus</i> gene <i>Streptococcus mutans</i> clone WWC_C1MKM077 <i>Streptococcus salivarius</i> strain HNL13 <i>Streptococcus</i> sp. 2944 16S ribosomal <i>Streptococcus</i> sp. LMG 27206 16S ribosomal <i>Streptococcus</i> sp. LVRI_101 16S ribosomal <i>Streptococcus</i> sp. oral taxon 071 <i>Streptococcus thoraltensis</i> strain

<i>Streptococcus pyogenes</i> A20, complete <i>Streptococcus salivarius</i> 57.I, complete <i>Streptococcus salivarius</i> CCHSS3 <i>Streptococcus salivarius</i> JIM8777 <i>Streptococcus sanguinis</i> isolate VS395 <i>Streptococcus sanguinis</i> RNA <i>Streptococcus sanguinis</i> SK36, complete <i>Streptococcus</i> sp. CSL 7508 RNA polymerase <i>Streptococcus suis</i> S735, complete <i>Streptococcus suis</i> ST1, complete <i>Streptococcus thermophilus</i> MN-ZLW-002, <i>Streptococcus uberis</i> 0140J complete	
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